Missouri

Science and Engineering Profile

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 1999[1]	9,050	518,670	20	Total R&D performance, 1999 (millions)	$2,009	$231,832	25
Doctoral engineers, 1999[1]	1,380	107,100	22	Industry R&D, 1999 (millions)	$1,387	$177,171	24
S&E doctorates awarded, 2000[1]	452	25,979	19	Academic R&D, 1999 (millions)	$545	$27,038	15
of which, in life sciences	31%	26%		of which, in life sciences	78%	57%	
in psychology	19%	14%		in engineering	9%	15%	
in engineering	19%	21%		in physical sciences	5%	9%	
S&E postdoctorates, 2000[1]				Public higher education current-fund			
in doctorate-granting institutions	1,021	41,548	13	expenditures, 1997 (millions)	$2,117	$125,236	21
S&E graduate students, 2000[1]				Number of SBIR awards, 1995-2000	113	26,424	28
in doctorate-granting institutions	7,362	435,612	19	Patents issued to state residents, 2000	822	85,068	24
Population, 2000 (thousands)	5,595	285,231	17	Gross state product, 1999 (billions)	$170	$9,369	18
Civilian labor force, 2000 (thousands)	2,930	142,172	17	of which, agriculture	1%	1%	
				manufacturing, mining, construction	24%	22%	
Personal income per capita, 2000	$27,186	$29,451	30	transportation, communication, utilities	10%	8%	
				wholesale and retail trade	17%	16%	
Federal spending				finance, insurance, real estate	15%	19%	
Total expenditures, 2000 (millions)	$35,687	$1,615,468	15	services	20%	21%	
R&D obligations, 1999 (millions)	$929	$73,718	20	government	11%	12%	

NOTE: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

[1]Data on graduate students, doctoral scientists and engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health fields. Data on S&E doctorates awarded do not include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1999

Agency	Performer							
	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank, total
	[In thousands of dollars]							
Total, all agencies	928,681	48,097	0	504,220	346,973	24,499	4,892	20
Department of Agriculture	24,470	10,957	0	0	13,424	0	89	24
Department of Commerce	237	28	0	150	59	0	0	49
Department of Defense	522,212	19,395	0	494,187	8,624	0	6	16
Department of Energy	4,601	0	0	130	4,198	273	0	36
Dept. of Health & Human Services	309,316	559	0	2,095	282,022	23,463	1,177	13
Department of the Interior	18,557	17,116	0	317	1,021	0	103	8
Department of Transportation	3,896	6	0	189	0	184	3,517	27
Environmental Protection Agency	8,049	0	0	0	8,049	0	0	19
National Aeronautics and Space Admin	12,266	36	0	7,052	4,864	314	0	29
National Science Foundation	25,077	0	0	100	24,712	265	0	26
State rank, total	20	31	na	16	12	19	24	na

NOTE: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".